Evaluation of Tumor Infiltrating Lymphocytes (TILs) in Lung Adenocarcinoma

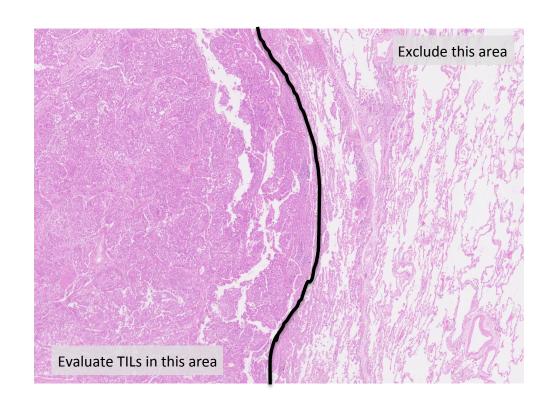
Guidelines for TILs assessment from "International Immuno-Oncology Biomarker Working Group"

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TILs within the borders of the invasive tumors are evaluated

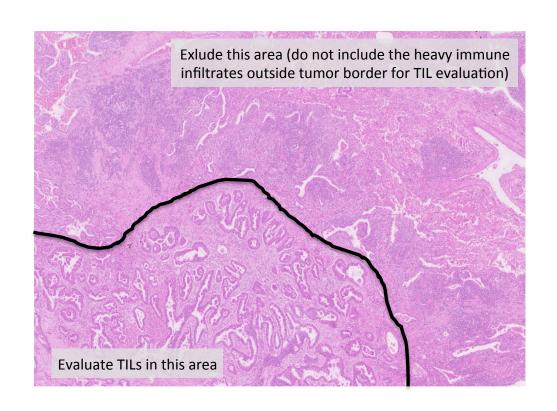
The invasive edge is included in the evaluation, but not reported separately



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Immune infiltrates outside of the tumor borders are not included

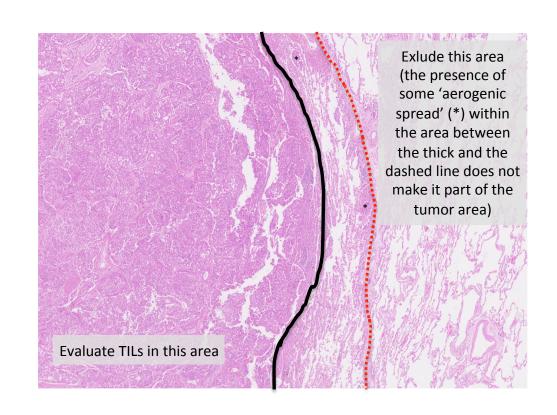


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Areas with pure intra-alveolar tumor cell nests ('aerogenic spread'; no desmoplastic reaction) or with pure lepidic growth pattern (no desmoplastic reaction) are not included

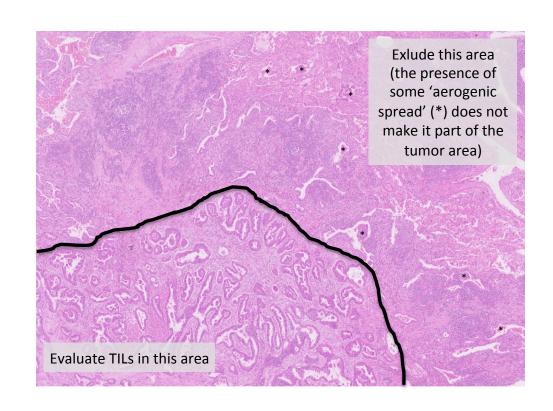


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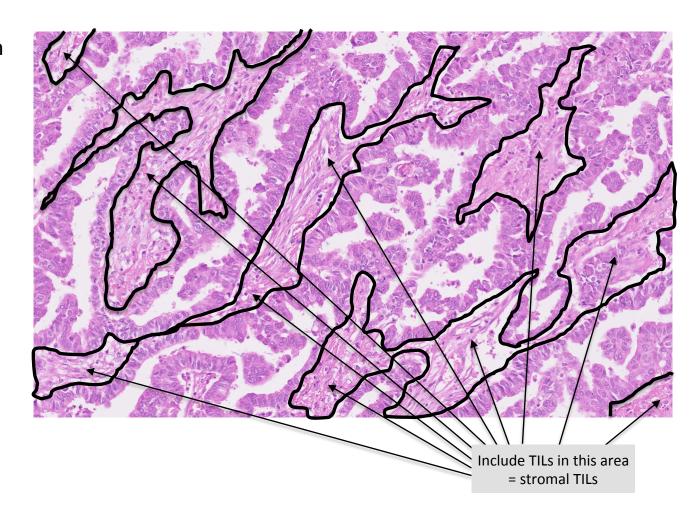
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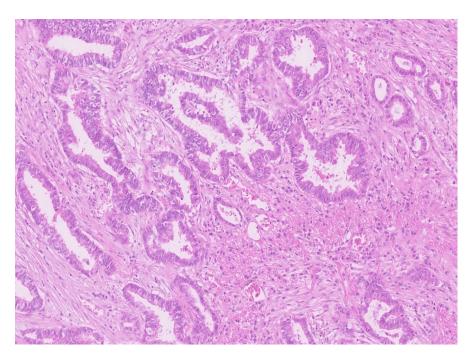
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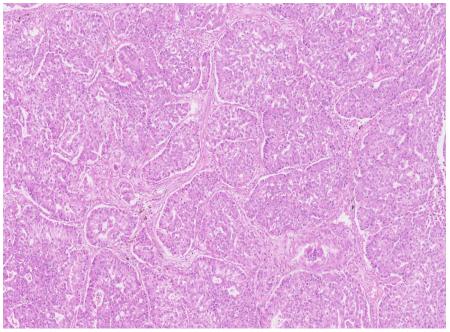


Include TILs evaluation in stroma pertaining to fibro-vascular cores of papillary structures

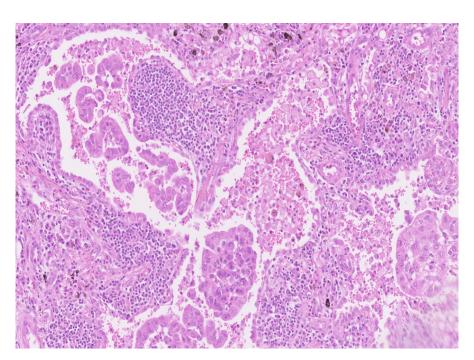


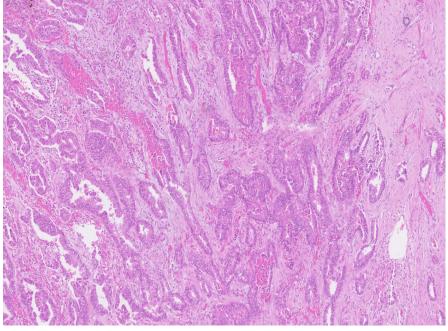
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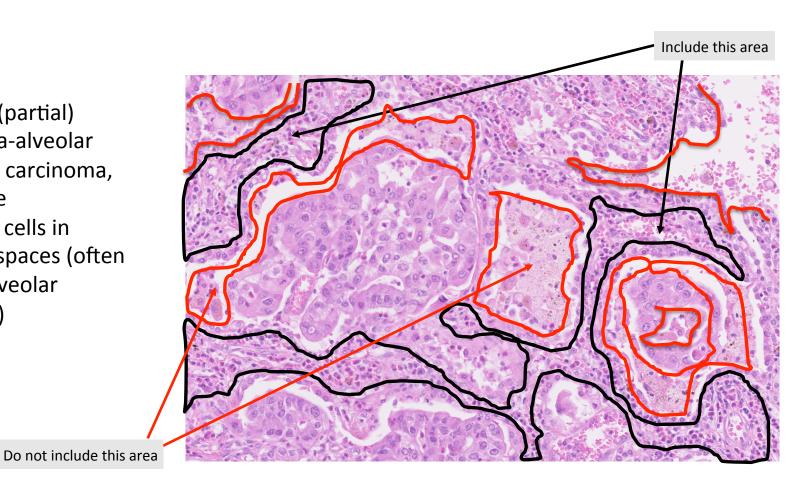


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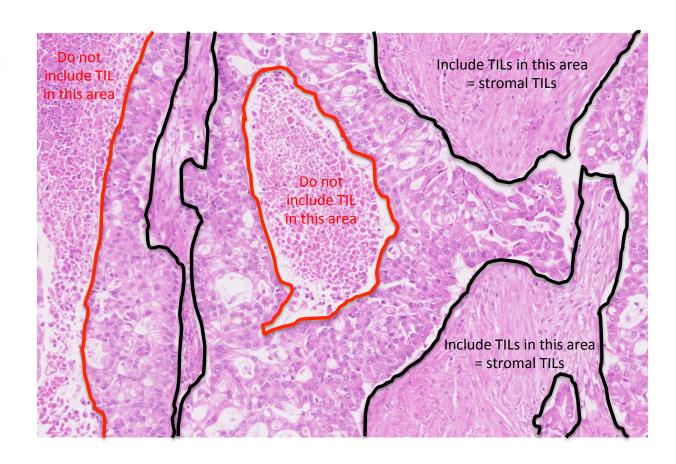




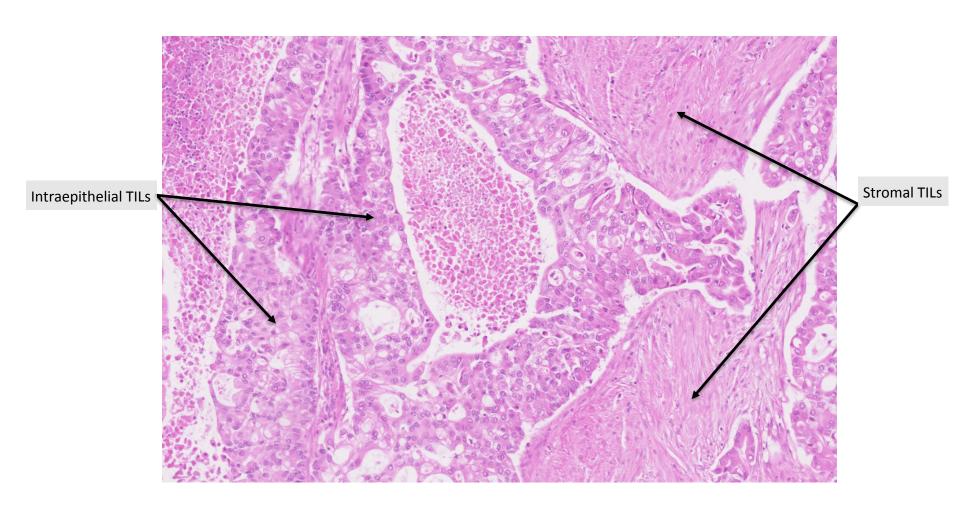
In cases with (partial) lepidic or intra-alveolar growth of the carcinoma, do not include inflammatory cells in intraalveolar spaces (often mixed with alveolar macrophages)



 Areas of necrosis or fibrosis are not included in the evaluation



Determine the localization of inflammatory infiltrate



Determine type of inflammatory infiltrate

Include only mononuclear infiltrate (lymphocytes & plasma cells)

Do not include granulocytic infiltrate in areas of tumor necrosis

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